Please replace the paragraph beginning on page 3, line 3, with the following text:

The invention is a medium having a status information printing program recorded thereon to be run on a host computer in order for a printer to print status information. The host computer and the printer are connected for two-way communication. The medium causes the host computer to realize an output initiation instruction monitor function for monitoring the output initiation instruction for the status information that the printer outputs through the two-way communication, a status information acquisition function on the host side for acquiring status information data from the printer through the two-way communication, a printing data generation function for generating printing data to be printed by the printer based on the status information data acquired by the status information acquisition function on the host side when the output initiation instruction is recognized by the output initiation instruction monitor function, and a printing data output function for outputting to the printer through the two-way communication the printing data generated by the printing data generation function.

Please replace the paragraph beginning on page 3, line 22, with the following text:

In the invention, the printer and the host computer are connected for two-way communication. The status information is printed on the printer by processing the status information printing program run on the host computer. For this reason, with the status information printing program run on the host computer, the output initiation instruction monitor function monitors the output initiation instruction for the status information outputted by the printer through the two-way communication. In the status information acquisition function on the host side, the status information data is acquired from the printer through the two-way communication. When the output initiation instruction monitor function distinguishes the output initiation instruction, the printing data generation function

generates the printing data to be printed on the printer based on the status information data acquired by the status information acquisition function on the host side. Then, the printing data generation function outputs the printing data to the printer through the two-way communication.

Please replace the paragraph beginning on page 5, line 20, with the following text:

Thus, since the printer does not need to convert the status information data into printing data, it does not need to be equipped with an advanced processor. The printer can be simpler in structure depending on the type of printing data. As an example, the invention is the medium in which the printing data generated by the printing data generation function is dot image data.

Please replace the paragraph beginning on page 6, line 3, with the following text:

In the invention, the printing data generation function generates printing data as dot image data. In other words, if the printing data based on dot image data is used, the printer can print the printing data as inputted into it. Therefore, it is not necessary to equip the printer with a font ROM, neither is it necessary for a processor to perform printing data generation processing based on a page description language. It is consequently possible to make the printer simpler in structure.

Please replace the paragraph beginning on page 6, line 12, with the following text:

In the host computer that executes the program of this invention, there are various methods of monitoring the output initiation instruction. As an example, the invention is the medium in which it constitutes part of the status information data in the printer whether the output initiation instruction exists or not. The output initiation instruction monitor function monitors whether the output initiation instruction is contained in the status information data acquired by the status information acquisition function on the host side.

Please replace the paragraph beginning on page 6, line 22, with the following text:

In the invention, it constitutes part of the status information data in the printer whether the output initiation instruction exists. The status information acquisition function on the host side of the host computer, which runs the program of this invention, has acquired the status information data from the printer. The output initiation instruction monitor function monitors whether the acquired status information data contains the output initiation instruction. Because the host computer has acquired with the status information acquisition function on the host side the status information data including the data as to whether the output initiation instruction exists, the computer can judge if the output initiation instruction exists by monitoring the status information data with the output initiation instruction monitor function. The status information acquisition function on the host side may periodically acquire status information data, or alternatively may acquire the newest data any time there is a change in the status information.

Please replace the paragraph beginning on page 7, line 16, with the following text:

As another example of the structure for monitoring the output initiation instruction in the host computer, which executes the program of this invention, the invention is the medium in which the output initiation instruction is a trigger transmitted from the printer through the two-way communication. The output initiation instruction monitor function judges whether the trigger is received.

Please replace the paragraph beginning on page 7, line 24, with the following text:

In the invention, the output initiation instruction is a trigger transmitted from the printer through the two-way communication. The output initiation instruction monitor function of the host computer, which executes the program of this invention, determines whether the trigger is received through the two-way communication. The printer can output a

trigger as an output initiation instruction through the two-way communication. The output initiation instruction monitor function monitors the trigger. When the trigger is received, the printing data generation function may generate the printing data.

Please replace the paragraph beginning on page 8, line 19, with the following text:

As stated above, the host computer acquires the status information from the printer and outputs the printing data generated in itself. However, if the printer is jammed or fails otherwise, it can perform no printing, so that no status information may be acquired. As an example suitable for such a case, the invention is the medium in which the status information acquisition function on the host side analyzes the status of the printer based on the acquired status information data. If the printer can perform no printing, the status information acquisition function on the host side so warns the user on the host computer.

Please replace the paragraph beginning on page 9, line 7, with the following text:

In the invention, the status information acquisition function on the host side can analyze the contents of the acquired data. In other words, the status information acquisition function on the host side analyzes the status of the printer based on the acquired status information data. If the printer can perform no printing, the host computer so warns the user. Therefore, because the user can judge whether the processing on the host computer is performed, he or she can avoid waiting for a considerable time for the status information to be printed. The user can obtain at least the information that the status of the printer is unprintable.

Please replace the paragraph beginning on page 10, line 4, with the following text:

As stated hereinbefore, two-way communication is held between the printer and the host computer to print a status sheet. In order to acquire more accurate status information by taking advantage of two-way communication, the invention is the medium in which the status

Cont A11

information acquisition function on the host side acquires the communication mode as the status information data when two-way communication is held with the printer.

Please replace the paragraph beginning on page 10, line 12, with the following text:

In the invention, the status information acquisition function on the host side acquires the real communication mode as the status information data when the two-way communication takes place. Therefore, the printed status sheet precisely reflects the communication mode. A communication mode may not be precisely printed by the conventional printer or the like, which prints a status sheet by using the status information held by itself. The communication mode depends on the relationship between the printer and the host computer. Two-way communication is not necessarily held in the communication mode held by the printer. In this invention, two-way communication is held between the printer and the host computer necessarily when a status sheet is printed, and the actual communication mode is acquired as the status information. Therefore, the status sheet is precisely printed with the good communication mode at all times.

A12

Please replace the paragraph beginning on page 11, line 4, with the following text:

The invention is the medium, in which the printing data generation function generates from a default file the form of the printing images that the printer prints, then generates the character string image corresponding to the status based on the status information data, and generates the printing image by superposing them together.

A13

Please replace the paragraph beginning on page 11, line 11, with the following text:

In the invention, the form of the fixed (typical) images and the character string images that change with the status are individually generated, and then superposed to generate the printing images.

Please replace the paragraph beginning on page 12, line 1, with the following text:

As a specific printer that has a simple structure and prints status information, the invention is a printer for holding two-way communication with a host computer and printing status information about itself. This printer comprises an output initiation instruction unit for instructing the output initiation of the status information, a status information acquisition unit on the printer's side for acquiring status information data on the printer, a status information output unit for outputting through the two-way communication the status information data acquired by the status information acquisition unit on the printer's side, and causing the host computer to generate printing data for the printer to print the status information, and a printing unit for receiving the printing data from the host computer through the two-way communication and performing predetermined printing based on the received data.

A14

Please replace the paragraph beginning on page 12, line 17, with the following text:

As stated above, the invention is a printer for holding two-way communication with a host computer and printing status information about itself. The output initiation instruction unit enables a user to instruct the output initiation of the status information. The status information acquisition unit on the printer's side acquires the status information data on the printer. The status information output unit outputs through the two-way communication the status information data acquired by the status information acquisition unit on the printer's side. Consequently, the host computer generates the printing data for the printer to print the status information, and outputs the generated printing data through the two-way communication. The printing unit causes the printer to receive the printing data form the host computer through the two-way communication and perform the predetermined printing based on the received data.

A15

Please replace the paragraph beginning on page 14, line 1, with the following text:

There are various forms of output initiation instructions on the printer. The printer can cope with a case where the output initiation instruction is part of the status information data, and where the host computer acquires the status information data containing the output initiation instruction. The printer can cope with a case where the output initiation instruction is a trigger output, and where the host computer monitors the trigger. There are various constitutions for users to give the output initiation instruction on the printer. As an example, the invention is the printer in which the output initiation instruction unit includes a predetermined instruction button. Multiple operation of the instruction button gives the output initiation instruction.

A16

Please replace the paragraph beginning on page 14, line 16, with the following text:

In the invention, the printer includes the predetermined instruction button, the multiple operation of which gives the output initiation instruction. In other words, while it is preferable that the hardware mounted in the printer be less to make the printer simple in structure, the instruction button can be easily constituted. The number of instruction buttons can be small if different functions are determined by the number of times they are pushed. Specifically, different functions can be achieved by the instruction buttons being pushed once and twice within a predetermined unit time.

A17

Please replace the paragraph beginning on page 15, line 2, with the following text:

The status information to be printed for confirmation includes the information on the toner that decreases gradually as the printing operation goes on and the information on the mounted memory that will not decrease once the power is turned on. For this reason, the invention is the printer in which the status information acquisition unit on the printer's side acquires fixed status information only when the printer is booted, and this unit acquires sequentially updated status information when the status is updated.

A18

Please replace the paragraph beginning on page 15, line 12, with the following text:

A19 In the invention, the status information is not acquired uniformly. Although the fixed status information is acquired only when the printer is booted, the status information that may be successively updated is acquired every time the status is updated. Thus, the processing burden that acquires the status information is reduced.

Page 34, line 15, delete in its entirety.

Please replace the paragraph beginning on page 34, last line, with the following text:

A20 In accordance with the invention, by generating the printing data based on the dot image data, the font ROM becomes unnecessary on the printer, the processing based on the page description language in the processor becomes unnecessary, and the printer composition becomes simple. These make an answer to the printer of a low cost model.

Please replace the paragraph beginning on page 35, line 6, with the following text:

A21 In accordance with the invention, the initiation instruction of the status information output can be easily given.

Please replace the paragraph beginning on page 35, line 8, with the following text:

A22 In accordance with the invention, the initiation instruction of the status information output can be easily given.

Please replace the paragraph beginning on page 35, line 10, with the following text:

A23 In accordance with the invention, the user can confirm whether the status information is to be printed in the unprintable state.

Please replace the paragraph beginning on page 35, line 13, with the following text:

A24 In accordance with the invention, the status sheet can accurately show the communication mode at all times.

Please replace the paragraph beginning on page 35, line 15, with the following text:

A25 In accordance with the invention, the processing burden can be mitigated by minimizing the individual image generation processing. Especially the processing of creating the form from the default file can be simplified since it takes advantage of the operating system function.

Please replace the paragraph beginning on page 35, line 20, with the following text:

A26 In accordance with the invention, with the processor it is not to generate the printing data, neither is it necessary to perform the processing based on the Page Description Language. The font ROM becomes unnecessary. As a result, the printer composition can be more simplified.

Please replace the paragraph beginning on page 36, line 1, with the following text:

A27 Especially, in accordance with the invention, the printer of low processing capability can be available because the composition minimizes the amount of the information to be updated, making a processing burden mitigated.

Please replace the paragraph beginning on page 36, line 5, with the following text:

A28 In accordance with the invention, a printing controller, which enables a simple and low-cost printer to print the status information, can be offered.

Please replace the paragraph beginning on page 36, line 8, with the following text:

A29 In accordance with the invention, a status information printing method, which enables a simple and low-cost printer to print the status information, can be offered.

Please replace the paragraph beginning on page 36, line 11, with the following text:

A30 In accordance with the invention, a status information printing system, which enables a simple and low-cost printer to print the status information, can be offered.